

Basic Imagery Interpretation Report



NATIONAL
PHOTOGRAPHIC
INTERPRETATION
CENTER

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SARY SHAGAN TRACKING FACILITY 12

25X1A

MISSILE RANGES--SAM/AMM FACILITIES
USSR
NOVEMBER 1968

DECLASS REVIEW by NIMA/DOD

COPY NO. 114

5 PAGES

WARNING

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TITLE NPIC
TCS-24048/68

Nov. 1968

SEC. CLASS.	LOCATION
TS/T/K	

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RCA-19/0008/69
TCS-21018/68

INSTALLATION OR ACTIVITY NAME		COUNTRY
Sary Shagan Tracking Facility 12		UR
UTM COORDINATES	GEOGRAPHIC COORDINATES	
NA	46-24-54N 072-33-45E	
MAP REFERENCE		
ACIC. US Air Target Chart 200, Sheet M0245-9HL, 4th ed, Nov 66, Scale 1:200,000		
(SECRET/No Foreign Dissem)		
LATEST IMAGERY USED		NEGATION DATE RECEIVED
		NA

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25X1C

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ABSTRACT

Sary Shagan Tracking Facility 12 (formerly Instrumentation Site 12) is one of 16 tracking facilities that serve the range. It is equipped to track optically with the equipment housed in its six optical tracking device shelters, and electronically, with its Type IV interferometer. A microwave facility located in its support area ties the facility into the range microwave networks.

INTRODUCTION

Sary Shagan Tracking Facility 12 (Figures 1 & 2) is located at 46-24-54N 072-33-45E at an elevation of approximately 1,800 feet. It is approximately 52 nautical miles (nm) northwest of the Main Housing & Headquarters Area and 12 nm west of Launch Complex A. The surrounding area is relatively flat and sparsely vegetated with no obstruction to line of sight.

The facility was first observed in [REDACTED] on TALENT photography and at that time was identified as a tracking facility.

The facility is enclosed by a security fence with a secondary fence separating the operations area from the support area. The operations area occupies approximately 7 acres and the support area approximately 11 acres.

BASIC DESCRIPTION

Operations Area

Physical Features

The operations area contains six optical tracking device shelters (formerly designated Radar A), two control-type buildings, one probable cylindrical optical shelter, one SHIP WHEEL antenna (in a Radar C configuration), and one support building. An interferometer is located 3,850 feet southwest of the secured area.

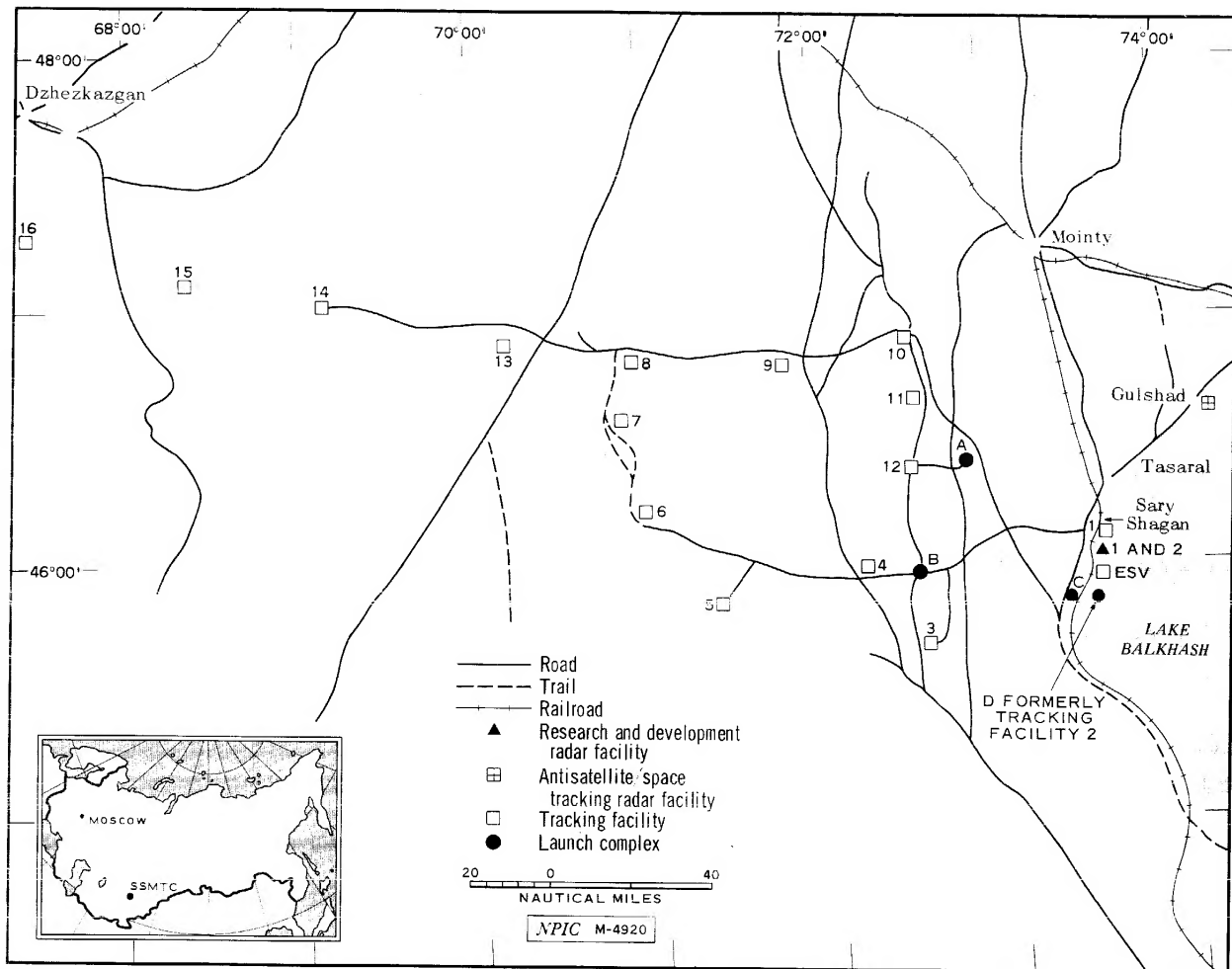


FIGURE 1. LOCATION MAP.

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Status & Activity

In [REDACTED] the operations area appeared to contain all of the buildings mentioned above and five of the optical tracking device shelters; only the outline of the interferometer was visible at that time. [REDACTED] the sixth optical tracking device shelter had been added and earth scars for the base legs of the interferometer were observed.

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Operational Functions

The tracking facility is equipped to both optically and electronically track aircraft or missiles. It is probably used in conjunction with other similarly equipped tracking facilities which are located, like Tracking Facility 12, around the T-1 impact area (1,050 nm from Kapustin Yar).

Associated Objects

A dirt landing strip is located approximately 3,400 feet north of the tracking facility; a secured area containing two small buildings is located 500 feet south of the landing strip. Another secured area containing five buildings is located 2,100 feet west of the tracking facility. The function of these secured areas is undetermined.

Support Area

Seventeen buildings in the secured support area contain a total of approximately 51,900 square feet of floorspace. The largest building is 180 feet by 55 feet and was added in early [REDACTED]

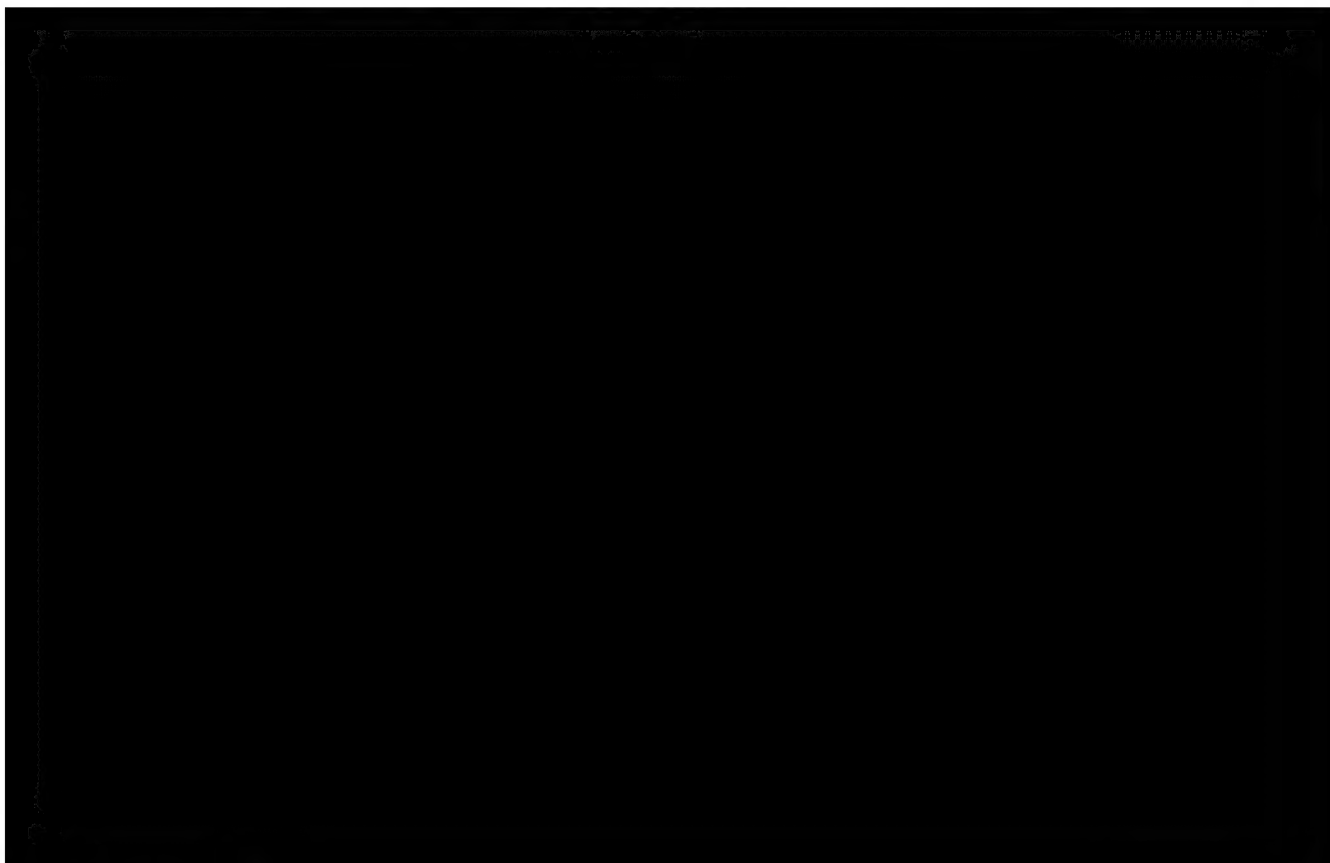
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In addition to the above buildings, there is a heat/power plant and a microwave tower within the security fence. The microwave tower is [REDACTED] and supports two horn antennas.

REFERENCES

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MAPS OR CHARTS

25X1C

ACIC. US Air Target Chart 200, Sheet M0245-9IHL, 4th ed, Nov 66, Scale 1:200,000 (SECRET/No Foreign Dissem [REDACTED])

REQUIREMENT

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